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THE COTTON AND JUTE BAG INDUSTRY

1953



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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I**—The Primary Industries, including mining, forestry and fisheries; **Volume II**—Manufacturing; **Volume III**—Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I—General Review of the Manufacturing Industries, \$1.30
- II—The Manufacturing Industries, by Provinces
 - Section 1. Principal Statistics of Major Industrial Groups and Leading Industries, 50¢
 - Section 2. Principal Statistics of Individual Industries, 75¢
 - Section 3. Principal Statistics by Regional Distribution, 75¢
- III—Foods and Beverages
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The present report belongs in Part VII, Textiles. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A—General Review of All Textiles, 25¢

Textile Mills

- B—General Review, 25¢
- C—The Cotton Textile Industries, 25¢
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- F—The Narrow Fabrics Industry, 25¢
- G—The Dyeing and Finishing of Textile Goods Industry, 25¢
- H—The Awning, Tent and Sail Industry, 25¢
- I—The Cordage, Rope and Twine Industry, 25¢
- J—The Cotton and Jute Bag Industry, 25¢
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Knitting Mills

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- N—The Men's Factory Clothing Industry, 25¢
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- P—The Corset Industry, 25¢
- Q—The Fur Goods and Fur Dressing Industries, 25¢
- R—The Hat and Cap Industry, 25¢
- S—The Miscellaneous Clothing Industries, 25¢

THE COTTON AND JUTE BAG INDUSTRY

1953

In 1953 the factory shipments made by the cotton and jute bag industry had a value f.o.b. plant of \$25,321,927 compared with factory shipments valued at \$30,196,073 in the previous year. In terms of value of output, therefore, the industry operated at a considerably lower level. In terms of volume of production, however, there was practically no change with the index based on 1949 being 102.5 in 1953 and 102.3 in 1952. This situation reflects the reduced selling price of jute bags. The average price per bag fell from 24.5 cents in 1952 to 18.1 cents in 1953 as a result of a reduction in the price of jute cloth over the same period from an average of 16.6 cents a yard to an average of 11.4 cents a yard.

Employment was provided for 1196 persons in 1953, practically unchanged from the 1199 of the previous year, while salary and wage payments increased from \$2,527,248 to \$2,677,515 over the two years. The cost of materials consumed fell from \$26,955,208 in 1952 to \$21,611,488 in 1953, the 20 per cent decline due for the most part to the drop in the price of jute fabric.

Shipments of jute bags in 1953 amounted to 5,658,484 dozen compared with 5,547,172 dozen in 1952. Cotton bag shipments also increased, the figures for 1952 and 1953 being 3,479,074 dozen and 3,770,946 dozen, respectively. The value of bags repaired fell from \$2,584,659 to \$1,061,141 over the two years.

The consumption of jute fabric amounted to 88,035,776 yards costing \$10,067,005 in 1953 compared with 87,985,190 yards costing \$14,569,163 a year earlier. Cotton fabric consumption increased from 36,566,439 yards costing \$8,514,792 in the earlier year to 42,167,563 yards costing \$9,449,857 in the later.

Full details of factory shipments and materials consumed are given in Tables 2 and 3 of this report.

The cotton and jute bag industry in 1953 consisted of 34 establishments of which 14 were located in Quebec, 10 in Ontario, 4 in Manitoba, 2 in Alberta, 2 in British Columbia, 1 in Saskatchewan and 1 in Prince Edward Island. It is concentrated in the provinces of Ontario and Quebec which together accounted for over half of total value of shipments in the year under review.

Twelve establishments, each having factory shipments with a value in excess of \$1,000,000, accounted for 46 per cent of the industry's employment and 62 per cent of its shipments. Employment in the industry was fairly steady throughout the year, ranging for wage-earners from a low of 913 in March to a high of 1062 in October. Total capital, repair and maintenance expenditures amounted to \$610,000, up from the \$365,000 spent in 1952.

Detailed information on the industry's use of fuel and electricity during the year and on its power installation will be found in Tables 11 and 12. Beginning with 1948, this information is being collected every fifth year instead of annually as theretofore.

Exports and imports of cotton and jute bags are negligible in relation to the total Canadian market for these commodities. See Tables 5 and 6 for details of imports and exports.

TABLE 1. Principal Statistics for Representative Years, 1922 to 1953

Year and provinces	Estab- lish- ments	Total em- ployees	Total salaries and wages	Cost of materials used	Gross value of production
	No.	No.	\$	\$	\$
1922	14	918	863,439	8,701,562	10,970,224
1925	15	984	939,639	12,948,571	14,932,322
1927	17	1,037	952,080	10,906,830	12,932,779
1928	19	1,065	999,633	12,494,239	14,283,396
1930	23	965	975,688	7,587,868	9,879,462
1932	23	885	851,258	5,105,244	6,981,188
1934	24	922	879,098	6,643,990	8,622,644
1936	24	923	912,612	7,238,846	9,057,275
1937	29	944	905,927	7,554,563	9,204,487
1938	27	873	867,334	6,425,466	8,269,025
1939	27	976	1,013,334	8,057,837	10,320,714
1940	27	987	1,043,129	10,149,154	12,438,072
1941	26	1,089	1,190,635	14,142,983	17,829,801
1942	30	1,334	1,466,977	16,625,355	20,749,873
1943	30	1,418	1,672,252	19,822,334	24,085,408
1944	32	1,487	1,762,483	22,075,033	26,599,005
1945	32	1,486	1,854,707	22,279,949	27,114,576
1946	31	1,413	1,942,873	22,026,290	28,141,484
1947	32	1,571	2,282,256	32,389,892	39,136,940
1948	35	1,360	2,270,453	26,405,819	32,061,105
1949	34	1,262	2,210,994	23,274,040	27,754,602
1950	32	1,267	2,335,332	28,031,738	33,062,539
1951	33	1,312	2,483,760	33,916,959	38,729,194
1952					
Canada	34	1,199	2,527,248	26,955,208	30,196,073 ¹
Prince Edward Island and Quebec	15	549	1,109,357	11,146,691	12,886,111 ¹
Ontario	9	293	617,757	5,374,993	6,089,378 ¹
Manitoba	4	204	471,939	5,934,582	6,500,065 ¹
Saskatchewan, Alberta and British Columbia	6	153	328,195	4,498,942	4,720,519 ¹
1953					
Canada	34	1,196	2,677,515	21,611,488	25,321,927 ¹
Prince Edward Island and Quebec	15	557	1,202,868	7,908,389	9,320,974 ¹
Ontario	10	270	588,546	3,888,871	4,788,115 ¹
Manitoba	4	219	524,454	5,490,998	6,186,704 ¹
Saskatchewan, Alberta and British Columbia	5	150	361,647	4,323,230	5,026,134 ¹

1. Beginning with 1952 the value of factory shipments has been collected instead of the gross value of production.

Note. Profits or losses cannot be estimated from Census figures as no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

TABLE 2. Factory Shipments, 1952 and 1953

Principal products	1952		1953	
	Quantity	Selling value at factory	Quantity	Selling value at factory
	Dozen	\$	Dozen	\$
Manufactured bags:				
Jute	5,547,172	16,325,590	5,658,484	12,314,650
Cotton	3,479,074	10,092,431	3,770,946	10,566,256
Cotton mesh	49,475	109,029	85,935	123,048
Paper mesh	1	1	66,606	100,769
All other	—	604,665	—	575,027
Bags, repaired	—	2,584,659	—	1,061,141
Paper liners for bags	—	142,243	—	226,858
All other products	—	337,456	—	349,822
Custom and Contract Work	—	—	—	4,356
Total factory shipments	—	30,196,073	—	25,321,927

1. Included under "All other bags."

Note. The above figures do not necessarily represent Canadian totals as bags of various kinds are also manufactured in other industries. For total figures for cotton and jute bags in all industries see Table 4.

TABLE 3. Materials Used, 1952 and 1953

Principal materials	1952		1953	
	Quantity	Cost value at factory	Quantity	Cost value at factory
		\$		\$
Fabric:				
Jute..... yard	87,985,190	14,569,163	88,035,776	10,067,005
Cotton..... "	36,566,439	8,514,792	42,167,563	9,449,857
Duck..... "	1	1	29,155	11,992
Burlap..... pound	1,810,733	404,333	677,000	65,370
Paper fabric..... "	1	1	3,012,259	454,068
All other..... -	-	368,487	-	-
Paper mesh..... -	}	200,922	-	55,320
Cotton mesh..... -			-	141,107
Secondhand bags..... -			-	681,580
Sewing twine..... pound	558,690	447,875	533,349	407,668
Thread..... "	20,590	38,902	59,450	46,368
Printing ink..... "	324,905	125,688	369,303	142,093
Rubber..... "	23,139	23,234	12,366	15,161
All other materials..... -	-	70,928	-	55,707
Packing and shipping materials..... -	-	16,172	-	18,192
Total cost of materials used..... -	-	26,955,208	-	21,611,488

1. Included in "All other fabrics."

TABLE 4. Production of Cotton and Jute Bags in All Industries, 1939-1952

Year	Cotton bags		Jute bags	
	Quantity	Value	Quantity	Value
	Dozen	\$	Dozen	\$
1939.....	4,407,503	4,243,836	5,998,687	5,601,703
1940.....	4,395,669	4,644,020	5,987,011	7,233,122
1941.....	5,210,216	7,227,997	5,772,834	9,401,021
1942.....	5,316,964	9,693,827	4,303,969	9,119,467
1943.....	6,022,553	11,640,429	4,640,556	10,376,845
1944.....	5,047,213	9,180,128	6,716,333	15,756,984
1945.....	4,450,741	8,055,597	7,377,251	16,966,145
1946.....	4,070,512	8,324,666	7,768,895	17,236,320
1947.....	4,001,883	11,046,376	8,421,512	22,716,224
1948.....	3,181,926	8,549,573	6,604,772	19,709,268
1949.....	3,629,704	9,732,206	5,286,189	15,278,710
1950.....	4,204,979	12,345,940	5,332,798	16,906,928
1951.....	4,305,183	15,072,061	4,228,753	18,255,880
1952 ¹	3,528,564	10,201,595	5,549,098	16,330,522

1. In 1952 factory shipments were collected instead of production.

TABLE 5. Imports of Cotton and Jute Bags, 1952 and 1953

Articles imported	1952		1953	
	Quantity	Value	Quantity	Value
	lb.	\$	lb.	\$
Bags, cotton	162,181	110,333	90,199	55,022
Bags or sacks of hemp, linen or jute	—	169,412	—	90,612
Bags used or second-hand made from fabrics composed wholly of vegetable fibres	—	136,079	—	234,135

TABLE 6. Exports of Cotton and Jute Bags, 1952 and 1953

Articles exported	1952	1953
	Value	Value
	\$	\$
Bags of cotton, jute or similar material	398,311	230,982

TABLE 7. Provincial Distribution of Employees by Sex and Remuneration, 1952 and 1953

	Prince Edward Island and Quebec		Ontario		Manitoba		Saskatchewan, Alberta and British Columbia		Canada	
	1952	1953	1952	1953	1952	1953	1952	1953	1952	1953
Salaried Employees:										
Total..... No.	102	113	43	44	33	35	26	27	204	219
Male	69	81	30	30	24	26	19	19	142	156
Female	33	32	13	14	9	9	7	8	62	63
Total salaries .. \$	437,225	503,797	142,846	164,694	128,262	129,089	81,567	87,047	789,900	884,627
Wage-earners:										
Monthly average No.	447	444	250	226	171	184	127	123	995	977
Male	164	166	104	68	67	74	35	30	370	338
Female	283	278	146	158	104	110	92	93	625	639
Total wages \$	672,132	699,071	474,911	423,852	343,677	395,365	246,628	274,600	1,737,348	1,792,888
All Employees:										
Total..... No.	549	557	293	270	204	219	153	150	1,199	1,196
Male	233	247	134	98	91	100	54	49	512	494
Female	316	310	159	172	113	119	99	101	687	702
Total salaries and wages \$	1,109,357	1,202,868	617,757	588,546	471,939	524,454	328,195	361,647	2,527,248	2,677,515

TABLE 8. Monthly Employment of Wage-earners 1951, 1952 and 1953

	1951			1952			1953		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	Number								
January	325	742	1,067	373	678	1,051	343	623	966
February	331	770	1,101	369	625	994	343	599	942
March	339	768	1,107	357	582	939	336	577	913
April	349	759	1,108	367	561	928	337	608	945
May	333	748	1,081	368	581	949	337	616	953
June	329	717	1,046	364	562	926	335	669	1,004
July	352	749	1,101	363	578	941	341	649	990
August	368	746	1,114	366	623	989	338	633	971
September	360	768	1,128	356	665	1,021	333	675	1,008
October	360	792	1,152	365	704	1,069	342	720	1,062
November	360	775	1,135	377	714	1,091	338	678	1,016
December	340	735	1,075	379	620	999	328	617	945
Monthly average	347	755	1,102	370	625	995	338	639	977

TABLE 9. Estimated Capital, Repair and Maintenance Expenditures, 1946-1953

(Thousands of dollars)

	Capital expenditures			Repair and maintenance expenditures			Capital, repair and maintenance expenditures		
	Con- struction	Machinery and equipment	Sub- total	Con- struction	Machinery and equipment	Sub- total	Con- struction	Machinery and equipment	Total
1946	60	196	256	144	—	144	204	196	400
1947	314	428	742	108	107	215	422	535	957
1948	82	253	335	84	116	200	166	369	535
1949	192	486	678	279	235	514	471	721	1,192
1950	609	142	751	68	170	238	677	312	989
1951	209	235	444	54	115	169	263	350	613
1952	91	152	243	52	70	122	143	222	365
1953	151	304	455	74	81	155	225	385	610

TABLE 10. Principal Statistics of the Cotton and Jute Bag Industry, Grouped According to the Size of Establishments, 1953

Establishments with factory shipments of	Estab- lish- ments	Total em- ployees	Total salaries and wages	Cost of materials used	Value of factory shipments
	No.	No.	\$	\$	\$
Under \$25,000	—	—	—	—	—
\$25,000 to under \$50,000	2	108	170,794	271,632	465,491
\$50,000 to under \$100,000	5				
\$100,000 to under \$500,000	6				
\$500,000 to under \$1,000,000	9				
\$1,000,000 and over	12	554	1,327,326	13,696,737	15,687,507
Total	34	1,196	2,677,515	21,611,488	25,321,927

TABLE 11. Power Installation, 1948 and 1953

Classes of power	1948		1953	
	Number of units	Horse-power capacity	Number of units	Horse-power capacity
Steam engines and steam turbines	—	—	—	—
Gasoline, gas and oil engines, other than Diesel engines	—	—	1	50
Electric motors operated by purchased power:				
In use	579	1,792	679	2,207
Idle	41	125	21	53
Total Power used in Manufacturing	620	1,917	701	2,310
Boiler installation:				
In use	2	64	—	—
Idle	—	—	—	—

TABLE 12. Consumption of Fuel and Electricity, 1948 and 1953

Kinds of fuel	Unit of measure	1948		1953	
		Quantity	Cost value at factory	Quantity	Cost value at factory
			\$		\$
Bituminous coal	ton	2,068	23,801	1,234	16,204
Sub-bituminous coal	—	—	—	—	—
Gasoline (including gasoline used in cars and trucks)	imp. gal.	12,351	4,611	22,034	9,415
Kerosene or coal oil	"	837	239	629	137
Fuel oil	"	102,574	17,243	150,041	20,769
Other fuel	—	—	8,510	—	14,172
Total cost of fuel	—	—	54,404	—	60,697
Electricity purchased (including service charges)	K.W.H.	1,421,620	30,930	1,976,725	40,089
Total cost of fuel and electricity	—	—	85,334	—	100,786

List of Cotton and Jute Bag Manufacturers, 1953

Name	Address
Prince Edward Island:	
Prince Edward Island Bag Company, Limited	Summerside
Quebec:	
Atlas Bag & Bagging Company	37 Nazareth Street, Montreal
Beaudoin, Jos. T.	Thetford Mines
Canadian Bag Company Limited, The	604 DeCourcelles St., Montreal
City Bag Company, The	776 Chatham St., Montreal
Commercial Bags Reg'd	21, rue Montcalm, Lévis
Economic Bag Company Limited	1744 William St., Montreal
Industrial Bags Limited	6945 Upper Lachine Rd, Montreal
Inter Provincial Co-operatives Ltd.	4394 St. Ambroise St., Montreal
National Bag Company	155 Van Horne Ave. W., Montreal
Sendel & Sendel Limited	711 Common St., Montreal
Supreme Bag Company	1155 Britannia St., Montreal
Thomas Bonar & Co. (Canada), Limited	606 De Courcelles Street, Montreal
Woods Manufacturing Company Limited	975 St. Charles St., St. Lambert
Workman Bag Company, The	1301 Montmorency Street, Montreal
Ontario:	
Burlap Bag Products Limited, The	251 College Street, Toronto
Canadian Bag Co. Ltd., The (H.O. 604 De Courcelle St., Montreal, P.Q.)	100 Paton Road, Toronto 9
Dominion Bag Company	278-280 York Street, Hamilton
Lloyd Bag Company Limited	114 St. Clair Street, Chatham
Lowry Textile Co.	325 Devonshire Rd. Windsor
Morris Burlap Manufacturing Co.	130 Liberty Street, Toronto
Ontario Bag Company	Port Colborne
Quaker Oats Company, The, of Canada Limited	34 Hunter Street, Peterborough
Windsor Buff & Specialties Manufacturing Co.	635 Tecumseh Road, W., Windsor
Woods Manufacturing Company Limited	401 Logan Avenue, Toronto 8
Manitoba:	
Bonar & Bemis Ltd.	311 Alexander Avenue, Winnipeg
Dominion Bag Company	143 Portage Ave. E., Winnipeg
Sunset Manufacturing Company Limited	655 Logan Avenue, Winnipeg
Woods Manufacturing Company Limited (H.O. 975 Charles St., St. Lambert, P.Q.)	140 Alexander Avenue E., Winnipeg
Saskatchewan:	
Prairie Bag Company Limited	429 River Street West, Moose Jaw
Alberta:	
Bonar & Bemis Ltd.	2235 - 15th St. E., Calgary
Woods Mfg. Co. Ltd., (H.O. 975 Charles St., St. Lambert P.Q.)	East Calgary
British Columbia:	
Bonar & Bemis Ltd., (H.O. 311 Alexander Avenue, Winnipeg, Man.)	900 Parker Street, Vancouver
Industrial Bags Ltd. (H.O. 6945 Upper Lachine Road Montreal)	703 Terminal Ave., Vancouver

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